

Dallas October 01, 2003

CLAIM 6 (6) Electronic device (200) according to claim 2, characterized in that said control system (201) further comprising a memory (203) for set up information, indicative information and external information.

CLAIM 7 (7) Electronic device (200) according to claim 2, characterized in that said control system (201) further comprising a timer circuit (205) for time based system information may be synchronized with control system (101).

CLAIM 8 (8) An electronic device according to claim 2, characterized in that said control system (201) further comprising recording of set up information, indicative information and external information (201A).

CLAIM 9 (9) Method for optimization of available energy is controlled by the electronic device (100), comprising the steps of: detecting signals from electronic device (200) attached in close proximity to substance (20) indicative to set up information; and detecting signals from measuring device (109) indicative as external information; and verifying proper operation of said available energy.

CLAIM 10 (10) Method according to claim 9, characterized by further steps of monitoring temperature of the substance (20) by a separate electronic device (200) attach in close proximity of the substance and more then one electronic device (200) may be used.

CLAIM 11 (11) Method according to claim 9, characterized by further steps of communication functions between the electronic device (100) and (200) in the exchange of information required for the optimization of available energy.

CLAIM 12 (12) Method according to claim 9, characterized by further steps of monitoring temperature outside and inside the packaging system by measuring devices (109) and (209) indicating energy losses caused by a difference in external information, set up information and indicative information by determining if said indicative information is within set up information and if indicative external information needs to be compensated for, i.e. energy losses through the packaging system (10) itself.

CLAIM 13 (13) Method for activation of electronic device (200) may be controlled by the electronic device (100), comprising the steps of setting upper and lower temperature alarms (108B and 108C), transmitting set up information and verifying proper operation of electronic device (200).

CLAIM 14 (14) Method for de-activation of electronic device (200) may be controlled by the electronic device (100), comprising the steps of transmitting de-activation information from control system (101) to electronic device (200) and verifying de-activation of electronic device (200).